



100

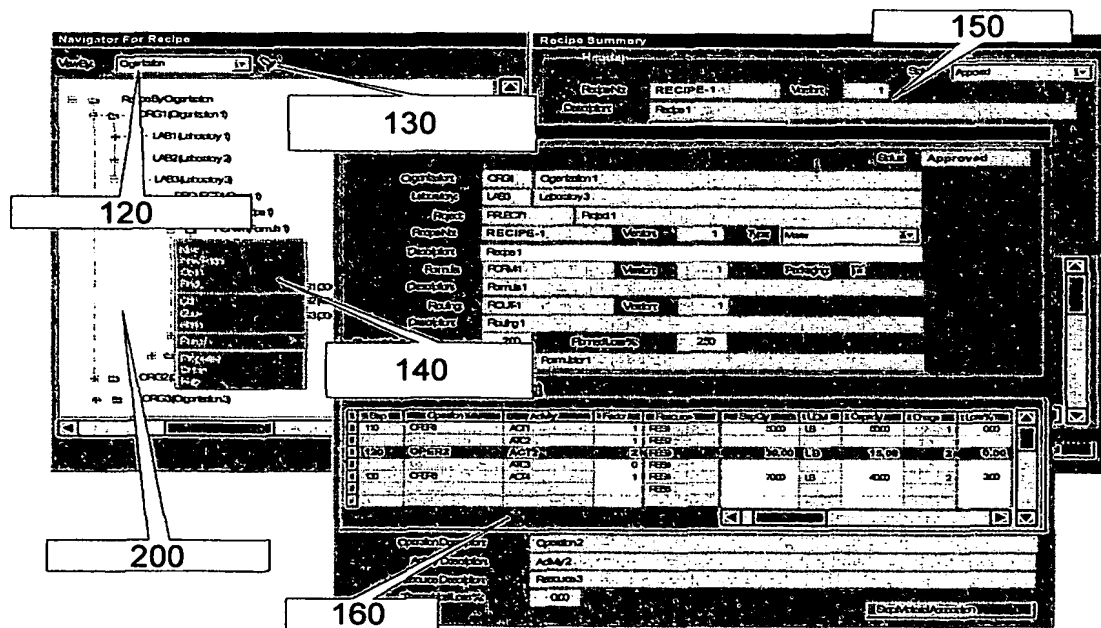


FIG. 1

200

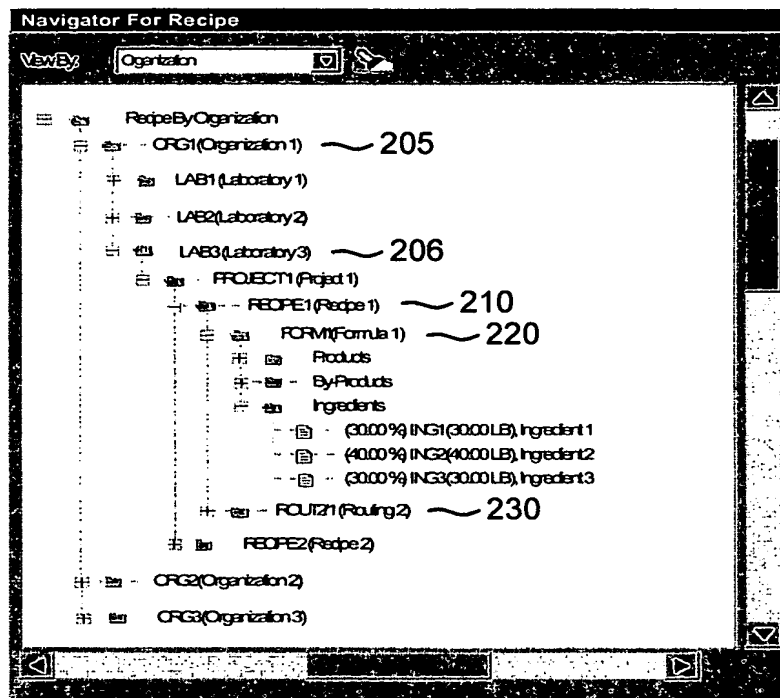


FIG. 2

4/17

400

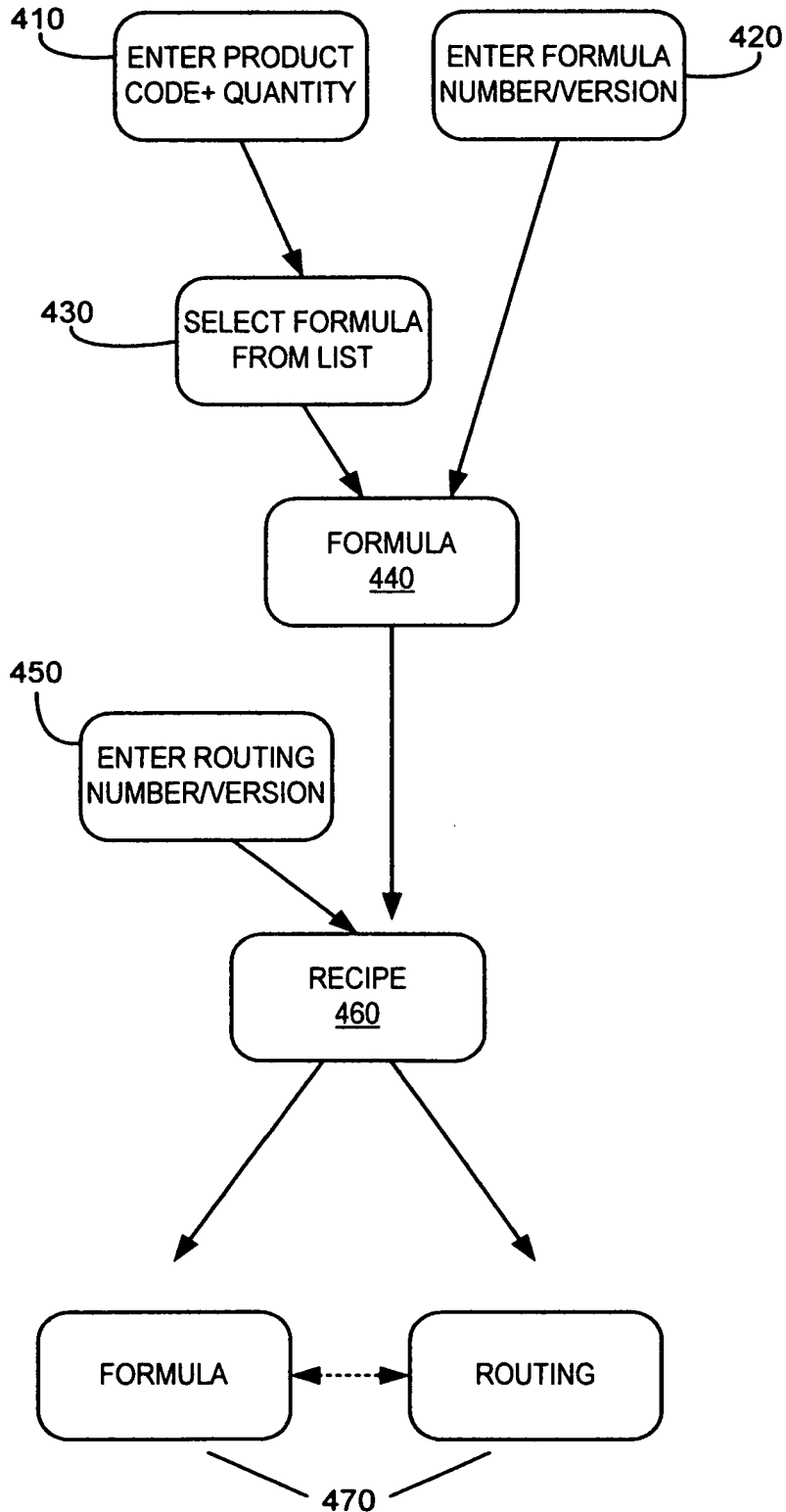


FIG. 4

6/17

600

Recipe

Header: Status: **Approved**

Organization: **ORGI** Organization1

Laboratory: **LAB3** Laboratory3

Project: **FREC1** Project1

Recipe No: **RECIPE-1** Version: **1** Type: **Master**

Description: **Recipe1**

Formula: **FORM1** Version: **1** Packaging: ☐

Description: **Formula1**

Routing: **ROUT1** Version: **1**

Description: **Routing1**

Theoretical Loss %: **200** Planned Loss %: **250**

Owner: **FORD** Formula1

600A **620**

700A

Step	Operation	Activity	Factor	Resource	StepQty	UDM	Capacity	Change	Loss%
110	OPER1	ACT1	1	RES1	5000	LB	5000	1	0.00
		ACT2	1	RES2					
120	OPER2	ACT2	2	RES3	30.00	LB	15.00	2	0.00
		ACT3	0	RES4					
130	OPER3	ACT4	1	RES5	7000	LB	4000	2	300
				RES6					

610

Operation Description: **Operation2**

Activity Description: **Activity2**

Resource Description: **Resource3**

Theoretical Loss %: **0.00**

640

630 Step Material Association

FIG. 6

7/17

700

Recipe

Status: Approved

Organization: ORG1 Organization1

Laboratory: LAB3 Laboratory3

Project: PROJECT1 Project1

Recipe No: RECIPE-1 Version: 1 Type: Master

Description: Recipe1

Formula: FORM1 Version: 1 Packaging: ☐

Description: Formula1

Routing: ROUT1 Version: 1

Description: Routing1

Theoretical Loss %: 200 Planned Loss %: 250

Owner: FOR1 Formula1

600A

700A

Step	Operation	Activity	Factor	Resource	Rtn	Count	Process Qty	LOM	Usage	LOM
110	OPER1	ACT1	1	RES1	No	1	5000	LB	100	Mh
		ACT2	1	RES2	No	1	5000	LB	200	Mh
120	OPER2	ACT2	2	RES3	No	1	15.00	LB	2.00	Mh
		ACT3	0	RES4	No	1	3000	LB	300	Mh
130	OPER3	ACT4	1	RES5	No	1	4000	LB	200	Mh
				RES6	No	1	2000	LB	300	Mh

710

Operation Description: Operation2

Activity Description: Activity2

Resource Description: Resource3

Theoretical Loss %: 000

640

630

Step Material Association

FIG. 7

8/17

800

Operation Step/Material Association

Status: **Approved**

Organization: **ORG1** Organization1

Laboratory: **LAB3** Laboratory3

Project: **PROJECT1** Project1

Recipe No: **RECIPE-1** Version: **1** Type: **Master**

Description: **Recipe1**

Formula: **FORM1** Version: **1** Packaging: ☐

Description: **Form1B1**

Routing: **ROUT1** Version: **1**

Description: **Routing1**

Theoretical Loss %: **200** Planned Loss %: **250**

Owner: **FOR1** Formulator1

Routing Details

Sep	Operation	Description	SepQty	UDM
110	OPER1	Operation1	5000	LB
120	OPER2	Operation2	3000	LB
130	OPER3	Operation3	7000	LB

840A **840B**

Line	Sep	Item	Description	Quantity	UDM
1	110	NG1	Ingredient1	1000	LB
2	110	NG2	Ingredient2	2000	LB
3	120	NG1	Ingredient3	1500	LB
4	130	NG3	Ingredient3	500	LB

820 **830**

FIG. 8

+

10/17

1000

Validity Rules

Recipe	Description	Formula Use	Product	Description	Reference
RECPE1					
Recipe 1					
Product					
PROD1					
Product 1					
2					

Quantity Range

Minimum Quantity

Maximum Quantity

Date Range

From Date

To Date

Customer

Customer Name

Customer 1

FIG. 10

11/17

1100

The image displays a graphical user interface with two overlapping windows. The top window, labeled 1110, is titled 'Recipe Type' and contains a table with columns 'Type' and 'Description'. The bottom window, labeled 1120, is titled 'Routing Type Association' and contains a table with columns 'Type' and 'Description'.

Recipe Type (1110)

Type	Description
RECFEMASTER	Master Recipe
RECPESTE	Sub Recipe
RECPEGENERAL	General Recipe

Routing Type Association (1120)

Type	Description
ROUTSITE1	Site Routing 1
ROUTSITE2	Site Routing 2

FIG. 11

12/17

1200

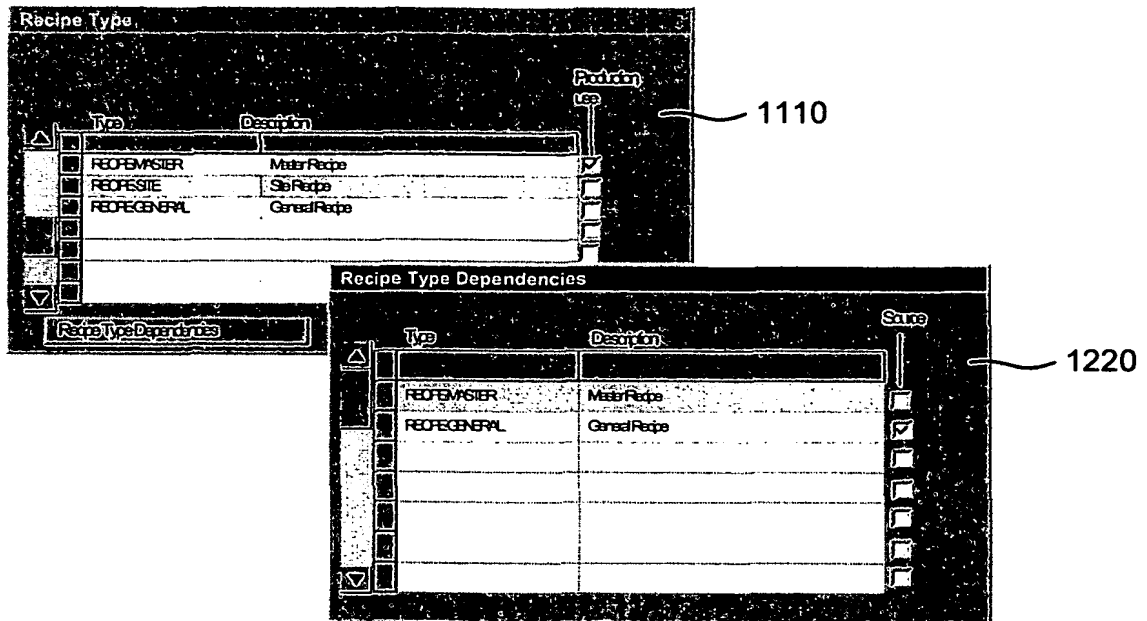


FIG. 12

1300

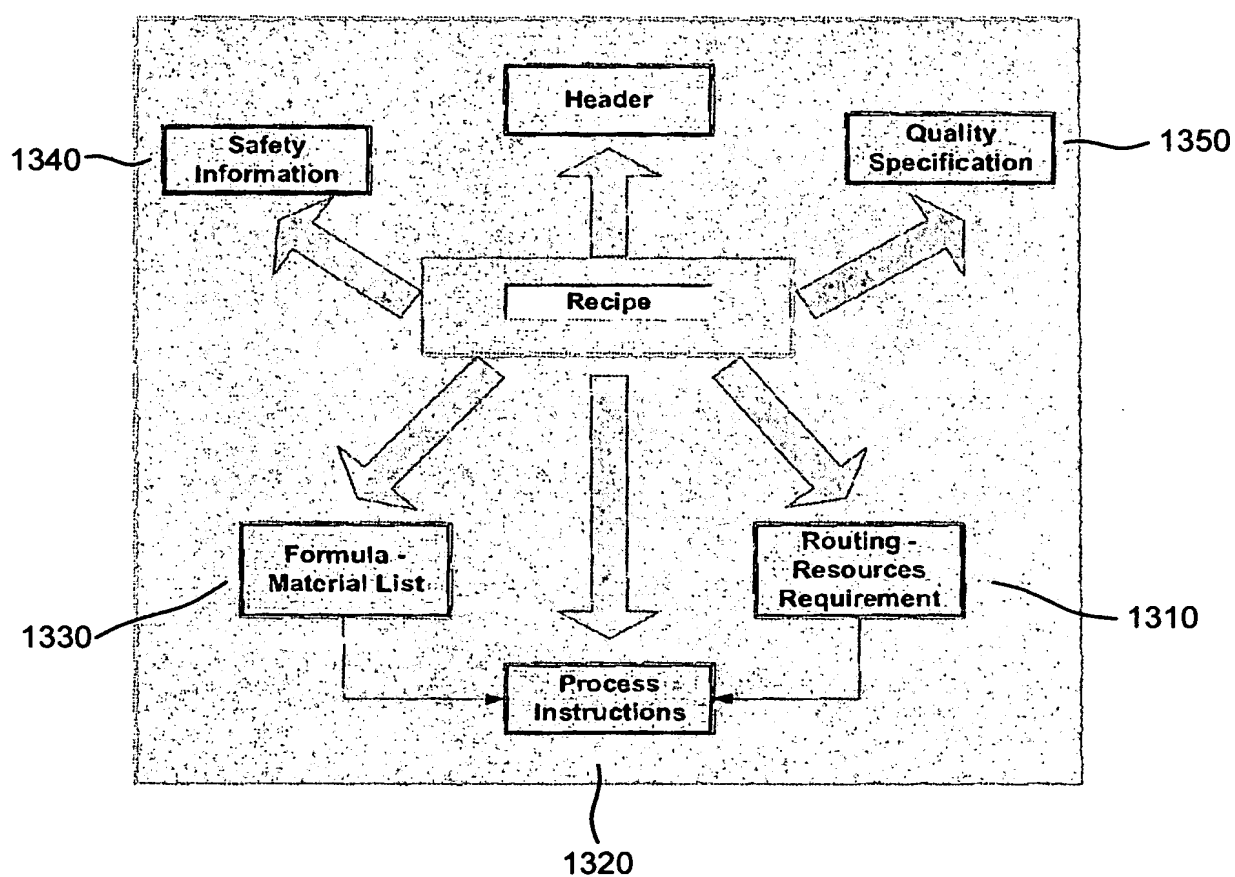


FIG. 13

1400

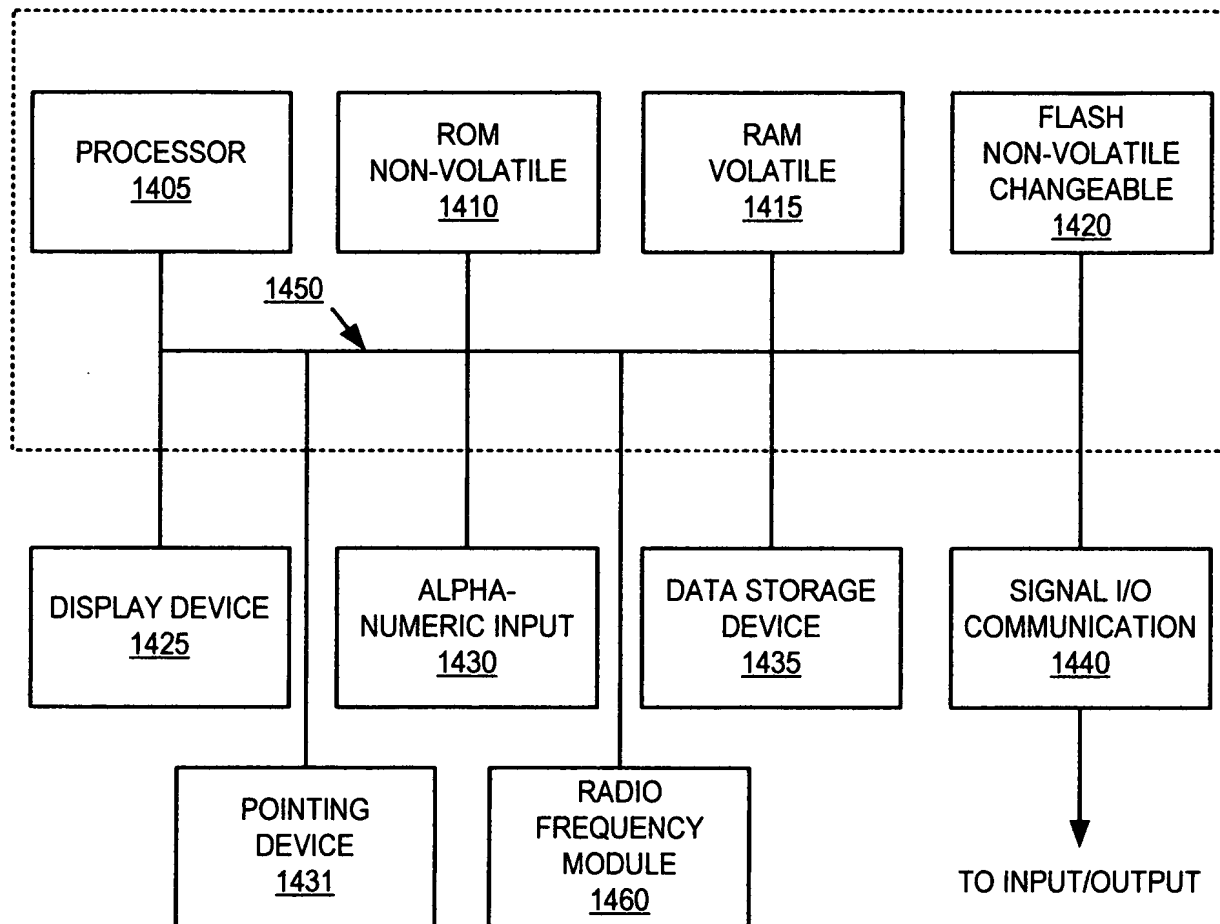


FIG. 14

1500

Navigator For Formulas

View By: Organization

Formula By Organization

ORG1 (Organization 1)

LAB1 (Laboratory 1)

LAB2 (Laboratory 2)

LAB3 (Laboratory 3)

PROJECT1 (Project 1)

FORM1 (Formula 1)

Production Use

Products

By-Products

Ingredients

ING1 (30.00 %) ING1 (30.00 LB), Ingredient 1

ING2 (40.00 %) ING2 (40.00 LB), Ingredient 2

ING3 (25.00 %) ING3 (25.00 LB), Ingredient 3

INTER1 (5.00 %) INTER1 (5.00 LB), Intermediate

FORM-INTER1 (Formula for INTER1)

Products

By-Products

Ingredients

FORM2 (Formula 2)

FORM3 (Formula 3)

ORG2 (Organization 2)

Formula Summary

Status: Approved

Formula No: FORM1

Vers: 1

Description: Formula 1

Laboratory: LAB3

Laboratory 3

Main Product: MAINPROD

Main product for formula FORM1

Quantity: 100.00 LB

Owner: FORMU1

Formulator 1

Substitutes

Line	Ingredient	Description	Quantity	UCM	Cont. %
1	ING1	Ingredient 1	30.00	LB	30.00
2	ING2	Ingredient 2	40.00	LB	40.00
3	ING3	Ingredient 3	30.00	LB	30.00

Details:

Summary

Validity Rules

Technical parameters

FIG. 15

1600

Navigator For Formula

View By: **Organization**

- Formula By Organization
 - + ORG1 (Organization 1)
 - + LAB1 (Laboratory 1)
 - + LAB2 (Laboratory 2)
 - + LAB3 (Laboratory 3)
 - + PROJECT1 (Project 1)
 - FORM11/(Formula 1)
 - + Products
 - + By-Products
 - + Ingredients
 - (30.00 %) ING1 (30.00 LB), Ingredient 1
 - (40.00 %) ING2 (40.00 LB), Ingredient 2
 - (25.00 %) ING3 (25.00 LB), Ingredient 3
 - (05.00 %) INTER1 (5.00 LB), Intermediate 1
 - FORM-INTER12/(Formula for INTER1)
 - + Products
 - + By-Products
 - + Ingredients
 - + ORG2 (Organization 2)

Formula Detail

Formula No: FORM1 Vers: 1 Status: Approved

Laboratory: LAB3 Laboratory 3

Description: Formula 1

Comments:

Formula Class:

Owner: FORMU1 Formulator 1

☒ Packaging

☒ Active ☒ Scaling Allowed

Product: **By Product** Ingredient

Seq	Product	Description	Quantity	UOM
1	PROD1	Product 1	100.00	LB

Phantom Type: **Not a Phantom** Scrap Factor: 0

Scale Type: **Linear Scaling** Cost Allocation: 1.0

Release Type: **Automatic**

Validity Rules Details

FIG. 16

1700

Navigator For Routing

View By: Project

- Routing By Project
 - PROJECT-1
 - PROJECT-2
 - ROUTING-1
 - ROUTING-2
 - ROUTING-3
 - ROUTING-4
 - 110
 - 120
 - 130
 - OPERATION-1
 - ACTIVITY1
 - ACTIVITY2
 - RESOURCE-1
 - RESOURCE-2

Routing Summary

Routing:	ROUTING-1	Version:	1
Description:	Routing 1		
Routing Class:	CLS1	Class 1	
Routing Quantity:	1000.00	UOM:	LB
Theoretical Loss:	2.30 %		
Planned Loss:	3.00 %		

Status: Approved

Show Details

FIG. 17